

2009 Air Emissions Monthly Summary - Northern Region

Abitibi-Consolidated Inc. - Fort Frances Division

145 Third St W
Fort Frances

Sector: Pulp and Paper
Ministry Office: Kenora

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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TOTAL REDUCED SULPHUR

CofA/Permit Non-Compliance

January 1, 2009 - December 31, 2009	27	ppb	/hr	193 exceedances	28	242	Operational Process Modification	Assessment Underway
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Total CofA/Permit Non-Compliance = 193 exceedances

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2009 Air Emissions Monthly Summary - Northern Region

Bowater Canadian Forest Products Inc Ontario Sawmill

156 Darrel Ave
Thunder Bay

Sector: Miscellaneous Industrial
Ministry Office: Thunder Bay

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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OPACITY

Legislation Non-Compliance

February 12, 2009	20	% Opacity	6min avg	1 day of exceedances	21	21	Other	Assessment Complete - Incident Resolved
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Total Legislation Non-Compliance = 1 day of exceedances

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2009 Air Emissions Monthly Summary - Northern Region

Bowater Canadian Forest Products Inc. - Thunder Bay

2001 Neebing Ave
Thunder Bay

Sector: Pulp and Paper
Ministry Office: Thunder Bay

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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NOISE

CofA/Permit Non-Compliance

January 27, 2009 - December 31, 2009	45	dBA	any	1 exceedance	46	64	Equipment Modified - Repaired - Replaced or Re- calibrated	Voluntary Abatement Program Underway
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Total CofA/Permit Non-Compliance = 1 exceedance

OPACITY

Legislation Non-Compliance

February 22, 2009 - December 26, 2009	20	% Opacity	6min avg	4 days of exceedances	20	90	Equipment Modified - Repaired - Replaced or Re- calibrated	Assessment Complete - No Action Required
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Total Legislation Non-Compliance = 4 days of exceedances

TOTAL REDUCED SULPHUR

Policy/Guideline Non-Conformance

June 21, 2009	27	ppb	30min avg	1 exceedance	42	42	Operational Process Modification	Assessment Complete - Incident Resolved
October 08, 2009	27	ppb	30min avg	2 exceedances	31	33	Action Plan Submitted - Implementing Improvements	Assessment Complete - No Action Required

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2009 Air Emissions Monthly Summary - Northern Region

Bowater Canadian Forest Products Inc. - Thunder Bay

2001 Neebing Ave
Thunder Bay

Sector: Pulp and Paper
Ministry Office: Thunder Bay

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
Total Policy/Guideline Non-Conformance = 3 exceedances								

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2009 Air Emissions Monthly Summary - Northern Region

Capital Power Income L.P.

Lot: 26,27,28, Conc: 4, Stoddart Twp
Stoddart

Sector: Electric Power Generation
Ministry Office: Timmins

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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OPACITY

CofA/Permit Non-Compliance, Legislation Non-Compliance

December 5, 2009 - December 24, 2009	20	% Opacity	6min avg	8 days of exceedances	8.62	79.01	Action Plan Submitted - Implementing Improvements	Assessment Underway, Voluntary Abatement Program Underway
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Total CofA/Permit Non-Compliance, Legislation Non-Compliance = 8 days of exceedances

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2009 Air Emissions Monthly Summary - Northern Region

De Beers Canada Inc.

90 km W of Attawapiskat
Unsurveyed Territory (Timmins District Office)

Sector: Industrial Minerals
Ministry Office: Timmins

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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2,3,7,8 TETRACHLORO DIBENZO-P-DIOXIN

CofA/Permit Non-Compliance Policy/Guideline Non-Conformance

July 7, 2009 - July 9, 2009	80	pg/L	any	1 exceedance	90	90	Additional Monitoring Underway, Conducting Study	Voluntary Abatement Program Underway
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Total CofA/Permit Non-Compliance Policy/Guideline Non-Conformance = 1 exceedance

LEAD

CofA/Permit Non-Compliance Policy/Guideline Non-Conformance

July 7, 2009 - July 9, 2009	0.142	mg/m3	any	1 exceedance	0.29	0.29	Additional Monitoring Underway, Conducting Study	Voluntary Abatement Program Underway
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Total CofA/Permit Non-Compliance Policy/Guideline Non-Conformance = 1 exceedance

SUSPENDED PARTICULATE MATTER

CofA/Permit Non-Compliance Policy/Guideline Non-Conformance

July 7, 2009 - July 9, 2009	17	mg/m3	any	1 exceedance	29.6	29.6	Additional Monitoring Underway, Conducting Study	Voluntary Abatement Program Underway
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Total CofA/Permit Non-Compliance Policy/Guideline Non-Conformance = 1 exceedance

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2009 Air Emissions Monthly Summary - Northern Region

Domtar Inc.

1 Station Rd
Espanola

Sector: Pulp and Paper
Ministry Office: Sudbury

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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OPACITY

Legislation Non-Compliance

January 1, 2009 - December 31, 2009	20	% Opacity	6min avg	327 days of exceedances	41	90.75	Other	Voluntary Abatement Program Underway
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Total Legislation Non-Compliance = 327 days of exceedances

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2009 Air Emissions Monthly Summary - Northern Region

Domtar Pulp and Paper Products Inc.

1 Duke St
Dryden

Sector: Pulp and Paper
Ministry Office: Kenora

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
OPACITY								
Legislation Non-Compliance								
July 31, 2009	20	% Opacity	6min avg	1 day of exceedances	31.3	65.6	Operational Process Modification	Assessment Complete - Incident Resolved
September 08, 2009	20	% Opacity	6min avg	1 day of exceedances	21	230	Equipment Modified - Repaired - Replaced or Re-calibrated	Assessment Complete - Incident Resolved
December 05, 2009	20	% Opacity	6min avg	1 day of exceedances	40	60	Equipment Modified - Repaired - Replaced or Re-calibrated	Assessment Complete - Incident Resolved

Total Legislation Non-Compliance = 3 days of exceedances

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2009 Air Emissions Monthly Summary - Northern Region

EPCOR Power L.P.

Lot: 26,27,28, Conc: 4, Stoddart Twp
Stoddart

Sector: Electric Power Generation
Ministry Office: Timmins

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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OPACITY

Legislation Non-Compliance

January 1, 2009 - November 30, 2009	20	% Opacity	6min avg	95 days of exceedances	20	72	Equipment Modified - Repaired - Replaced or Re- calibrated	Voluntary Abatement Program Underway
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Total Legislation Non-Compliance = 95 days of exceedances

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2009 Air Emissions Monthly Summary - Northern Region

Essar Steel Algoma Inc.

105 West St
Sault Ste. Marie

Sector: Iron and Steel
Ministry Office: Sault Ste. Marie

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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BENZO(A)PYRENE

Policy/Guideline Non-Conformance

January 19, 2009 - December 21, 2009	1.1	ng/m3	24hr avg	10 exceedances	1.15	8.1	Other	Assessment Complete - No Action Required
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Total Policy/Guideline Non-Conformance = 10 exceedances

DUSTFALL

Policy/Guideline Non-Conformance

June 30, 2009 - September 30, 2009	7	g/m2	/mon	4 exceedances	7.6	16.5	Other	Other Abatement Action Taken Before the Courts
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Total Policy/Guideline Non-Conformance = 4 exceedances

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2009 Air Emissions Monthly Summary - Northern Region

Tembec Enterprises Inc.

1 Government Rd
Kapuskasing

Sector: Pulp and Paper
Ministry Office: Timmins

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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OPACITY

Legislation Non-Compliance

February 13, 2009	20	% Opacity	6min avg	1 day of exceedances	23.4	23.4	Operational Process Modification	Assessment Complete - No Action Required
October 23, 2009	20	% Opacity	6min avg	1 day of exceedances	30	30	Operational Process Modification	Assessment Complete - Incident Resolved
October 3, 2009 - October 24, 2009	20	% Opacity	6min avg	3 days of exceedances	28	31	Operational Process Modification	Assessment Complete - No Action Required
November 2, 2009 - November 3, 2009	20	% Opacity	6min avg	2 days of exceedances	25	25	Operational Process Modification	Assessment Complete - No Action Required

Total Legislation Non-Compliance = 7 days of exceedances

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2009 Air Emissions Monthly Summary - Northern Region

VALE INCO Limited - Copper Cliff Smelter

155 Balsam Street
Greater Sudbury

Sector: Metal Mining and Refining
Ministry Office: Sudbury

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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ARSENIC

Legislation Non-Compliance

September 25, 2009	0.3	µg/m3	24hr avg	1 exceedance	0.433	0.433	Action Plan Submitted - Implementing Improvements	Provincial Officer's Order Issued
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Total Legislation Non-Compliance = 1 exceedance

COBALT

Policy/Guideline Non-Conformance

March 29, 2009 - April 16, 2009	0.1	µg/m3	24hr avg	3 exceedances	0.12	0.13	Action Plan Submitted - Implementing Improvements	Provincial Officer's Order Issued
January 1, 2009 - December 31, 2009	0.1	µg/m3	24hr avg	1 exceedance	0.768	0.768	Action Plan Submitted - Implementing Improvements	Director's Order Issued

Total Policy/Guideline Non-Conformance = 4 exceedances
Based on Air Dispersion Modeling

NICKEL

Legislation Non-Compliance

February 3, 2009 - April 16, 2009	2	µg/m3	24hr avg	5 exceedances	2.12	4.4	Action Plan Submitted - Implementing Improvements	Provincial Officer's Order Issued
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2009 Air Emissions Monthly Summary - Northern Region

VALE INCO Limited - Copper Cliff Smelter

155 Balsam Street
Greater Sudbury

Sector: Metal Mining and Refining
Ministry Office: Sudbury

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
January 1, 2009 - December 31, 2009	2	µg/m3	24hr avg	1 exceedance	35.7	35.7	Action Plan Submitted - Implementing Improvements	Director's Order Issued

Total Legislation Non-Compliance = 6 exceedances
Based on Air Dispersion Modeling

SULPHUR DIOXIDE

Order Non-Compliance

January 1, 2009 - December 31, 2009	690	µg/m3	24hr avg	1 exceedance	5451	5451	Action Plan Submitted - Implementing Improvements	Director's Order Issued
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Total Order Non-Compliance = 1 exceedance
Based on Air Dispersion Modeling

SUSPENDED PARTICULATE MATTER

Legislation Non-Compliance

May 13, 2009	120	µg/m3	24hr avg	1 exceedance	150	150	Action Plan Submitted - Implementing Improvements	Provincial Officer's Order Issued
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Total Legislation Non-Compliance = 1 exceedance

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2009 Air Emissions Monthly Summary - Northern Region

VALE INCO Limited - Nickel Refinery

155 Balsam Street
Greater Sudbury

Sector: Metal Mining and Refining
Ministry Office: Sudbury

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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SULPHUR DIOXIDE

Order Non-Compliance

January 1, 2009 - December 31, 2009	690	µg/m3	/hr	1 exceedance	1255	1255	Action Plan Submitted - Implementing Improvements	Director's Order Issued
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Total Order Non-Compliance = 1 exceedance
Based on Air Dispersion Modeling

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2009 Air Emissions Monthly Summary - Northern Region

Weyerhaeuser Company Limited

1000 Jones Rd
Kenora

Sector: Miscellaneous Industrial
Ministry Office: Kenora

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
OPACITY								
Legislation Non-Compliance								
January 29, 2009	20	% Opacity	6min avg	1 day of exceedances	6	6	Action Plan Submitted - Implementing Improvements	Assessment Complete - No Action Required
April 25, 2009	20	% Opacity	6min avg	1 day of exceedances	24	24	Action Plan Submitted - Implementing Improvements, Equipment Modified - Repaired - Replaced or Re-calibrated	Assessment Complete - No Action Required
May 04, 2009	20	% Opacity	6min avg	1 day of exceedances	21	21	Action Plan Submitted - Implementing Improvements	Assessment Complete - No Action Required
September 20, 2009	20	% Opacity	6min avg	1 day of exceedances	38	38	Equipment Modified - Repaired - Replaced or Re-calibrated	Assessment Complete - Incident Resolved
October 07, 2009	20	% Opacity	6min avg	1 day of exceedances	29	29	Equipment Modified - Repaired - Replaced or Re-calibrated	Assessment Complete - Incident Resolved

Total Legislation Non-Compliance = 5 days of exceedances

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2009 Air Emissions Monthly Summary - Northern Region

Xstrata Canada Corporation - Kidd Metallurgical Site

10050 Highway 101 E
Timmins

Sector: Metal Mining and Refining
Ministry Office: Timmins

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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LEAD

Legislation Non-Compliance

January 1, 2009 - March 31, 2009	6	µg/m3	30min avg	1 exceedance	12.1	12.1	Action Plan Submitted - Implementing Improvements, New Equipment or Treatment Process Installed	Provincial Officer's Order Issued
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Total Legislation Non-Compliance = 1 exceedance
Based on Air Dispersion Modeling

SULPHUR DIOXIDE

Legislation Non-Compliance

March 12, 2009	0.3	ppm	30min avg	2 exceedances	0.312	0.351	Ceased Operations	Assessment Complete - Incident Resolved
May 01, 2009	0.3	ppm	30min avg	1 exceedance	0.518	0.518	Ceased Operations	Assessment Complete - Incident Resolved
July 28, 2009	0.3	ppm	30min avg	1 exceedance	0.521	0.521	Ceased Operations	Assessment Complete - Incident Resolved
December 11, 2009 - December 19, 2009	0.3	ppm	30min avg	2 exceedances	0.34	0.38	Ceased Operations	Assessment Complete - Incident Resolved

Total Legislation Non-Compliance = 6 exceedances

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2009 Air Emissions Monthly Summary - Northern Region

Xstrata Canada Corporation - Kidd Metallurgical Site

10050 Highway 101 E
Timmins

Sector: Metal Mining and Refining
Ministry Office: Timmins

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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SUSPENDED PARTICULATE MATTER

Legislation Non-Compliance

January 1, 2009 - March 31, 2009	100	µg/m3	30min avg	1 exceedance	132.1	132.1	Action Plan Submitted - Implementing Improvements, New Equipment or Treatment Process Installed	Provincial Officer's Order Issued
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Total Legislation Non-Compliance = 1 exceedance
Based on Air Dispersion Modeling

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2009 Air Emissions Monthly Summary - Northern Region

Xstrata Canada Corporation - Sudbury

1 Longyear Dr
Greater Sudbury

Sector: Metal Mining and Refining
Ministry Office: Sudbury

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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OPACITY

Legislation Non-Compliance

February 28, 2009 - August 8, 2009	20	% Opacity	6min avg	6 days of exceedances	21	90	Action Plan Submitted - Implementing Improvements	Assessment Complete - Incident Resolved
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Total Legislation Non-Compliance = 6 days of exceedances

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